

Samantha Richter to attend UCC Congressional Workshops

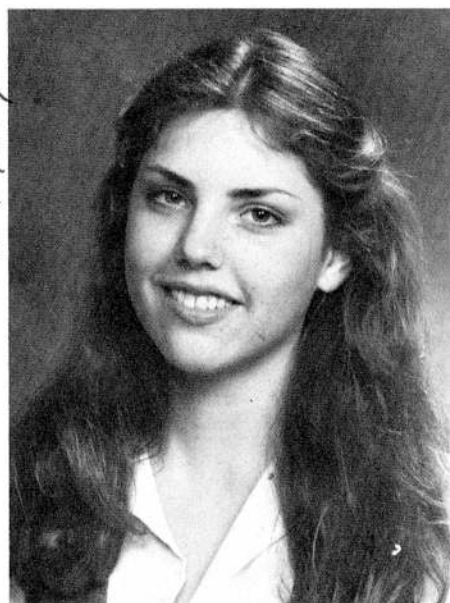
Samantha Ann Richter, daughter of Mrs. Karleen Richter, 402 New York Avenue, Oak Ridge, has been chosen to attend the Washington Workshops Congressional Seminar, April 29 - May 6, as a Union Carbide Scholar.

Richter, a senior at Oak Ridge High School, was recommended by the school faculty, and was supported for the honor by the Nuclear Division.

The seminar will include classes, discussion with members of Congress, attendance at House and Senate chamber sessions and committee meetings, and talking by Cabinet members and other national leaders, both in and out of government. The scholars will be housed at Mount Vernon College, where most of the seminar sessions are conducted.

Richter, who has a 3.6 grade average, has served as editor of her school newspaper, chairman of the North American Model United Nations, a member of the student council and captain of the swim team.

Her interests center around swimming, track, acting, reading, writing, politics and basketball. She



Samantha A. Richter

plans to attend Centre College (Ky.) this fall to study economics.

The full cost of Richter's attendance in the Washington Workshops as a Union Carbide Scholar will be defrayed by Union Carbide Corporation.

Benefits: your 'hidden paycheck'

J. Q. Carbide reports out soon

We're all used to seeing our paychecks diminished by taxes and other deductions, but have you ever considered that in one sense there is actually **more** to your paycheck than meets the eye?

For every payroll dollar disbursed in 1978, the Nuclear Division spent 39.5 cents for benefits. Nearly 14 cents of this amount was pay for vacations, holidays, sick leave and other time not worked, and was actually included in your paycheck. But an additional 25.9 cents went to pay for other benefits, such as retirement benefits, hospitalization, medical and dental insurance, life insurance, and the savings plan.

This means that if your gross wages last year totaled \$12,000, Union Carbide contributed an additional \$3,108 for your benefits — a "hidden paycheck" equaling one-quarter of your salary.

Facts about your benefits as a Nuclear Division employee are included in the newly-prepared "J. Q. Carbide" report, which should reach your home late this month or early in May. The personalized report, based on your company service date and date of birth, shows the exact amount of your benefits for medical and dental expenses, disability, death or retirement.

Some paid in full

Since nearly all Union Carbide benefits are geared to your pay, your benefits automatically keep pace as

your pay increases. The J. Q. Carbide report is structured to show you how the various parts of the benefits program interact for your financial protection. Social security benefits are estimated in the report too, although your actual social security benefits, under the present law, will depend on your average earnings at the time your benefits become payable.

The Nuclear Division pays the full cost of some benefits: dental and basic medical coverage, pension plan benefits, and the continuation of your salary should you become disabled. In other areas, the company shares the cost with you. These benefits include basic group life insurance, major medical, social security and the savings plan.

Benefit series planned

At the bottom of your J. Q. Carbide report, you'll find a printed estimate of the annual cost to the company for your benefits — your "hidden paycheck." But even this figure doesn't tell the whole story. For example, it doesn't reflect the payroll costs associated with salary paid for time not worked (vacations, holidays, etc.). Nor does it include the value of such "fringes" as educational refunds, safety awards or 25-year awards.

A series of articles beginning in the April 19 issue of *Nuclear Division News* will take a closer look at these benefits and the company's contributions to them. If you have specific questions about your benefits as they are discussed in upcoming issues, contact your Benefit Plans representative: at ORGDP, call 4-8461; ORNL, 4-4438; Paducah, Bell 272; and Y-12, 4-1555.

NUCLEAR DIVISION NEWS

a newspaper for employees of the nuclear division • union carbide corporation

Vol. 10/No. 6 April 5, 1979

Corporate world of Union Carbide. . .

PLANS FOR A DRY CELL BATTERY plant near Alexandria, Egypt, have been announced. The joint venture will be owned and operated by Union Carbide Egypt—a majority-owned (75 percent Union Carbide, 25 percent private Egyptian investors) subsidiary headquartered in Alexandria.

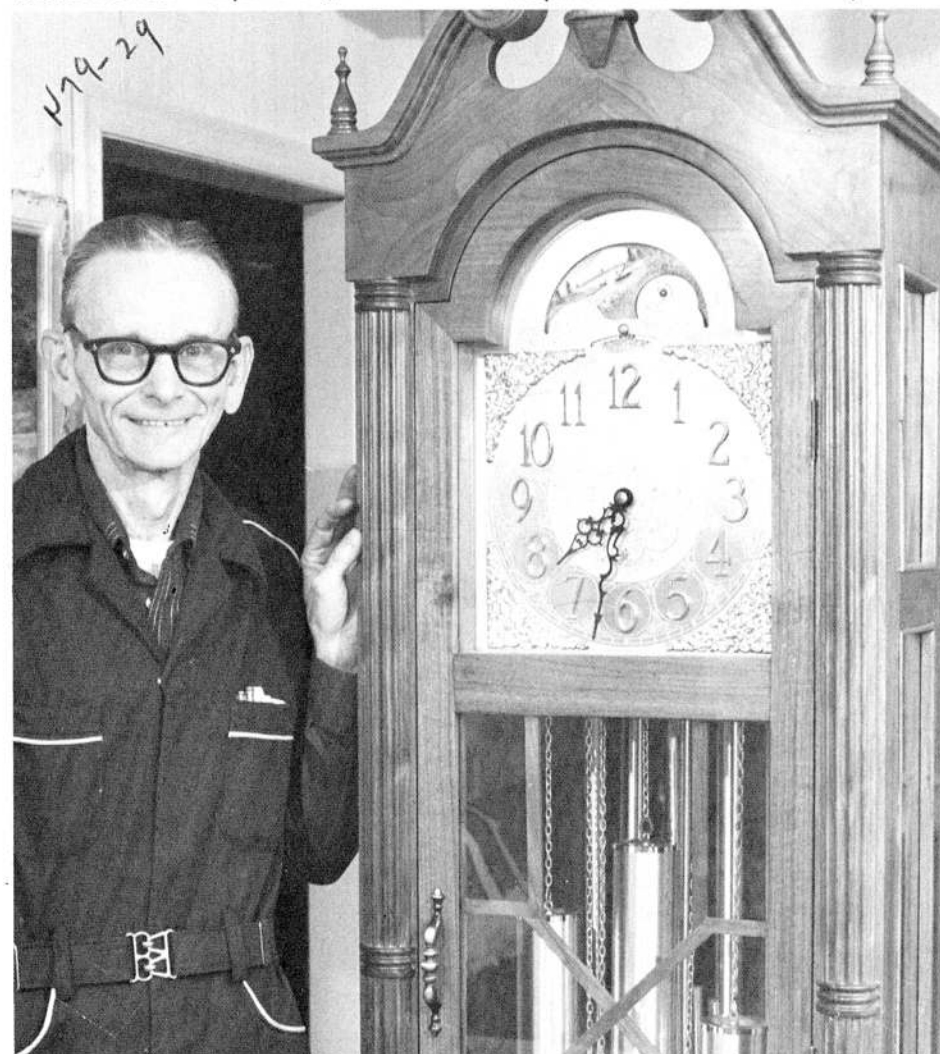
"Egypt, with its 35 million people, represents a potentially significant growth market for batteries and other high quality Union Carbide products," William S. Sneath, board Chairman stated. "We are particularly encouraged by the extremely favorable climate for business investment that has been created by President Sadat and the Egyptian government."

The plant—Union Carbide's first manufacturing venture in that country—will produce dry cell batteries primarily for sale within Egypt. Construction of the new facility will get under way early this year with completion slated for the fall of 1980.

CONSTRUCTION IS PROCEEDING on a new graphite electrode plant at Clarksville, Tenn., according to an announcement from Union Carbide. An initial investment of \$75 million was disclosed in 1974, but inflation has increased that figure to \$100 million.

The plant, which is designed for incremental expansion, will be

completed by mid-1981, according to J. B. Reid, president of the Carbon Products Division that will operate the new facility. Long a leading producer of the high-quality graphite electrodes required for electric furnace steelmaking, the Carbon Products Division has been committed to a policy of meeting the requirements of the marketplace.



United Way meeting

The Anderson County United way agencies will present their funding needs to the volunteer budget committee on April 7 at the Donora Hall in Oak Ridge. This is the preliminary step in determining the monetary goal for 1980. Participation in these conferences is between the agency represented and the volunteer budget committee members.

For more information contact James A. Cox, this year's three-plant United Way Campaign general chairman, at extension 4-7041; or Melly Koons at the Anderson County United Way Office, 483-8431.

In this issue. . .

Russell A. Allstun, who took early retirement from Y-12 last year, has hardly retired. His "leisure years" are now filled with a new vocation. . .clock-making. His wife, with more talent than a dozen of us have, complements his woodworking with some fancy handiwork of her own. Their fascinating hobbies are seen on pages 4 and 5.

Other features:

What's in a name?	Page 2
Question Box.....	Page 3
Y-12 promotions.....	Page 5
Dr. Lincoln	Page 7

A rose by another name would smell just as sweet

by Darlene M. Mazzone

There's a lot of namecalling going on at the Paducah plant. Names like "Chilli," "Speedy," "Deacon," "Soapy," "Dub," "Cutworm," "Sheriff," "Superfly" and "J.J." are only a few examples of the kinds of verbal titles attached to scores of Paducah employees.

The political arena, it appears, has not cornered the market on public namecalling, nor is it only done in criticism and disparagement. On the contrary, these names are generally formulated from friendship, good humor and a certain work-environment comradery.

'The patent answer in search of the nickname is, "It just stuck."'

Many are quite obvious. For instance, Paul "Fibber" McGee openly admits, "I'm no comedian," despite his natural nickname. Roy C. "Doc" Holladay never attended medical school and Howard "Spider" Webb needs no explanation, nor does George "Shorty" Hollowell.

The patent answer in search of the elusive nickname grail is, "It just stuck." Some are relatively new and others are a vintage like Hester "Tic" Albritton, which has been passed to three generations. Some have accompanied their hosts from youth, while others are creations of the PGDP workplace.

'Forrest "Old Goat" Blaine suffered a boomerang effect when he got stuck with a description he had given someone else.'

Drew "Tiny" Vanderford, a six-foot, four-inch maintenance supervisor of a mere 310 pounds acquired his nickname his first day on the job when someone, unaware of his name, laughingly called him "Tiny." Roger "Thumbtack" Wiggins,

a five-foot, six-inch painter, was accused of being no bigger than the item mentioned.

Bob "Bullfighter" Lents has no Spanish ancestry, but he once had a brightly colored Hawaiian shirt which reminded Lucian "Bubba" Turk of something else. Forrest "Old Goat" Blaine suffered a boomerang effect when he got stuck with a description he had given someone else. James "Cat" Lansden experienced a similar result when a joke he told became his nick-namesake in 1955.

Dwight "Roundman" Watson hopes his name will become a legacy that younger workers will remember. "I try to teach 'em everything I know," the veteran of 27 years said.

John "Smoky" Triplett was linked to a well-known softball pitcher of the same name and Arthur "Pepsi" Lewis received his effervescent epithet from his carpool members simply for ordering one.

'Robert "Jake" Piercy was renamed by his high school football coach who couldn't remember his real name.'

Charles "Bird" Featherstone can't remember exactly where his nickname came from. "It probably started in training school 27 years ago 'cause my feathers got ruffled on occasion," he explained. James "Squeaky" Hicknam was also a product of the early 50's training school. "I was emphasizing an argumentative point when I began to run out of breath and ended in a squeak," he said. The instructor replied, "Sit down, Squeaky." It's been that ever since.

Robert "Jake" Piercy was renamed by his high school football coach who couldn't remember his real name. Lauretta "Peter Rabbit" Hollis hopped rather than walked when she was a child, according to her grandfather. "I always thought it was my two front teeth," she said.

'But even after extensive research the age-old question still persists, "What's in a name?"'

Lisle "HeCoon" Lough was crowned with an artistic hard hat designed by Hugh "Van" Vantrees back in the early days and Harold "Teddy Bear" Conno attributes his cognomen to any of a number of things including his size—six feet—and his bear hugging inclination. Size also influenced the beginning of Herman "Heavy" Anderson—a name which has endured 26 years even though the weight hasn't.

The list could go on forever, while the nicknaming undoubtedly will. But even after extensive research the age-old question still persists, "What's in a name?" At PGDP, answering that is the name of the game.



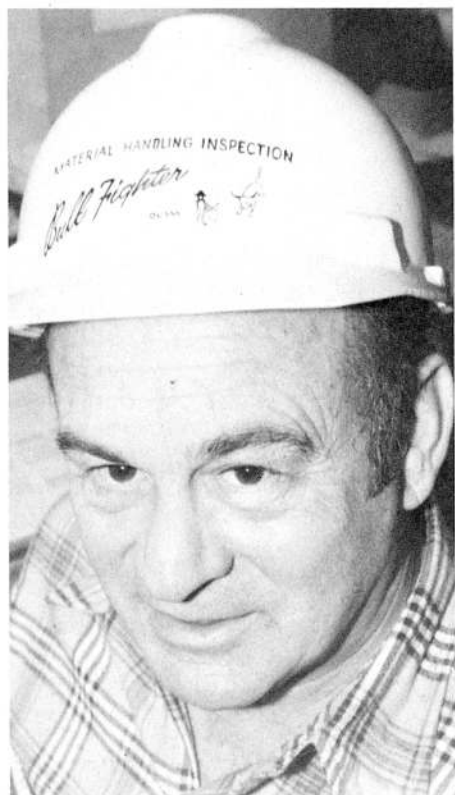
Chief, Churn, Bird, Fuzzy Cheek, Old Goat and Fibber



Roundman



Thumbtack and Tiny



Bullfighter

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Member,
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OF BUSINESS
COMMUNICATORS

question box. . .

If you have questions on company policy, write the Editor, **Nuclear Division News** (or telephone your question in, either to the editor, or to your plant contact). Space limitations may require some editing, but pertinent subject matter will not be omitted. Your name will not be used, and you will be given a personal answer if you so desire.

Inflation vs. increases

QUESTION: I certainly take issue with the answer on merit increases vs. cost of living in a recent issue of the **Nuclear Division News**. To quote from an answer on another subject, "Figures taken out of context can be misleading." Is it not true that persons beyond the midpoint of their salary range do actually get less merit increase than the cost of living?

ANSWER: If a salaried employee has in prior years been beyond the midpoint of his/her salary range, an increase in a subsequent year will depend on two factors: 1) the annual movement of the midpoint; and 2) the employee's level of performance. If such an employee's performance is not deteriorating, over the long pull increases received would be more than required to compensate for living cost escalation. It is true that, in a given year, if the rate of inflation is much higher than had been anticipated, such an individual may receive an increase that year that does not keep pace with the cost of living.

'Before hours' work

QUESTION: What is policy on supervisors asking employees to do such things as open files, furnish forms and supplies, take messages, etc., before the start of shift time? Also, what is company policy on weekly employees taking a break away from their work area?

ANSWER: Supervisors of weekly salaried employees should not ask, or allow, those employees to perform work before or after the regularly scheduled hours unless the work is properly compensated for under the policies of the Nuclear Division.

There is no fixed policy on these employees taking short breaks away from the place of work to take care of personal matters. As we have stated in this column on several previous occasions, such breaks are to be held to the minimum time necessary to accomplish the intended purpose of

the break, be of reasonable frequency, and not disrupting to the efficient conduct of business.

Building 9103 heat

QUESTION: Many of the offices in Building 9103 at Y-12 have no heat. Are there any plans to fix or replace these heaters? I am very much in favor of saving energy, but it is often too cold to work.

ANSWER: There have been problems recently with the automatic temperature control for one of the 11 zones in the 9103 office area systems. This necessitated manual control of temperatures to 15 offices until repair parts could be obtained and installed. If there are cases where the temperature in 9103 is under the energy conservation guideline (68 degrees), please contact the building coordinator.

Exams for secretaries

QUESTION: Several years ago clerical personnel were required to take shorthand tests in order to be promoted. There are steno/-secretaries in Y-12 who have not taken the exam. Is shorthand no longer required to qualify as a secretary?

ANSWER: Current standards for progression in the secretarial jobs require competence in standard stenographic skills including shorthand, typing, filing and other general office practices and procedures. Familiarity with the Nuclear Division Office Guide is also necessary.

Through the years, with the increasing technology and use of dictating equipment, shorthand skills are not being used by some supervisors and may not be required in some jobs. Nevertheless, we encourage secretaries to maintain their shorthand skills since they may be required by a new supervisor or in connection with Job Opportunity System openings.



HEAVY SMOKER—Amos Marshall, ORNL's Analytical Chemistry Division, loads the smoke condensate generator, which smokes 360 cigarettes every 10 minutes.

New smoking machine has 10,000 per day habit

More than 10 years ago, this smoke condensate generator was used by the National Cancer Institute (NCI) to obtain condensate for studying the health hazards associated with cigarette smoking. The machine smokes 360 cigarettes simultaneously and is now being used by ORNL's Analytical Chemistry Division to obtain condensate for the Environmental Protection Agency (EPA).

With increased use of diesel fuel in automobiles, EPA has been

concerned about the biological and environmental effects of diesel smoke. Therefore, the Agency has initiated studies which compare smoke condensate from reference cigarettes, whose basic properties are known from past studies, with smoke condensate from diesel engines.

The machine, whose "habit" is 10,000 cigs/day, will also be used to produce condensate from new cigarettes for comparison with experimental cigarettes previously made by NCI.

'79 Inventors' Fair

If you're an inventor, with an idea you hope will lead the world to beat a path to your door, why not test it out at the Appalachian Inventors' Fair?

This year's fifth annual fair, set for April 27-29 at the American Museum of Science & Energy, will be one of the features of Oak Ridge's spring arts and crafts festival, EVENT '79.

It offers people with ideas or inventions not already licensed or assigned for commercial manufacture an opportunity to bring them to the attention of the public and to potential industrial producers and marketers.

Sponsors are Scientists and Engineers for Appalachia, with headquarters on the campus of Berea College in Kentucky, and Oak Ridge Associated Universities, which operates the museum for DOE.

During the fair's three days, inventors not only display their creations during 12 hours of public viewing but also share information with other inventors. Special workshops provide information on evaluating market potential, securing patents, approaching manufacturers, setting up small businesses, and keeping records.

A panel of judges selects the "Best of Show" and winners in 12 other categories. Awards are given for the most popular exhibit (as judged by viewers), most attractive display, and most energy-conserving invention as well as the outstanding entries within

these product areas: agriculture; household; industrial; toy, craft, and hobby; electronics; tools; transportation; and sports and recreation.

Since exhibiting an invention at the fair constitutes public disclosure, and may affect the issuance or subsequent validity of a patent, sponsors recommend that the inventor secure or initiate patent protection before participating.

The 1979 fair will be open Friday (April 27) from 3:30 to 5 p.m., Saturday from 9 to 5, and Sunday from 12:30 to 3:30 p.m.

Entry information may be obtained by contacting: Martin J. Skinner, General Chairman, Appalachian Inventors' Fair, P.O. Box 388, Oak Ridge, TN 37830/ Telephone (615) 574-4178.

Good Friday holiday

Friday, April 13, is an official holiday for the Nuclear Division. No employee is required to be at work unless his/her presence is required by plant security or continuous operations.

Easter is determined as the first Sunday after the Paschal Full Moon (the arrival of spring). Good Friday, or God's Friday as it was called in old England, is observed throughout the Christian world as the date of the crucifixion.



GUARDS COMPLETE COURSE—Members of the Plant Protection Department at ORGDP recently completed a 120-hour training course which consisted of rifle range qualifying and academic instructions on job duties. From left in the front row are Mark S. Williams, Jerry Sams, Don C. Chamblee, Jim E. Miller, Lieutenant Carroll R. Thorne, I. C. "Cliff" Williams and Captain Sam A. Thompson. In the back row are Kenneth W. Sommerfeld, deputy plant manager; O. Lynn Calvert, Plant Protection Department head; C. C. "Mac" McSwain, Security Division superintendent; and William J. DeRossett, Fire and Guard Department chief.

Retirement opens new career for Y-12er Allstun

Whoever called retirement "enjoying the leisure life," hasn't visited in the Russell A. Allstun home. It's not that Vivian and "Dude" aren't enjoying retirement; it's the leisure part that's incongruous. "Busier than ever," is more like it.

Allstun, who took early retirement last year from Y-12 as a machine tool specialist, drove to Oak Ridge in 1944 with Jack M. Case, now plant manager. "I thought we would come down and do our part for the war effort, then go back to St. Louis," Allstun said. "I didn't think either of us realized we would last this long in Oak Ridge." (Neither remember the names of the other two who came with them from Missouri. They returned to St. Louis after the war.)

The 919 Rosedale Avenue, Kingston, home might well be called a "hobby house," as both husband and wife use their talents to the fullest extent. "Dude" (he says everyone in Y-12 knows him best as that) is into grandfather clocks, mantle clocks, and almost any other type of clock, having mastered the delicate art of woodworking, using mostly walnut and cherry. "Walnut is getting harder and harder to find," Allstun reports, "But I have an attic full drying for future work."

Meanwhile, Vivian pushes her talents in all directions... china painting, doll-making, quilting and needlepoint. The home is filled with her work. "I have given things away for years," she says. "Almost every friend we have has a painting of mine, a piece of china, or a doll I have made. I have yet to make the first sale. It would seem almost sacrilegious." She likes to work in almost any medium... driftwood, porcelain (she has her own kiln), oils, cloth, etc.

An interesting "doll" in the Allstun home is a likeness of Nancy, who married the Allstun's only son.

An interesting "doll" in the Allstun home is a likeness of Nancy, who married the Allstun's only son, Dale. Her bridal outfit is copied down to the last detail. The veil, bouquet and other accessories are exact duplicates of Nancy's attire. Dale works in Y-12's

Numerical Control Engineering and Nancy is now teaching at Harriman Vocational School. "The doll is much better than a wedding portrait," Vivian said.

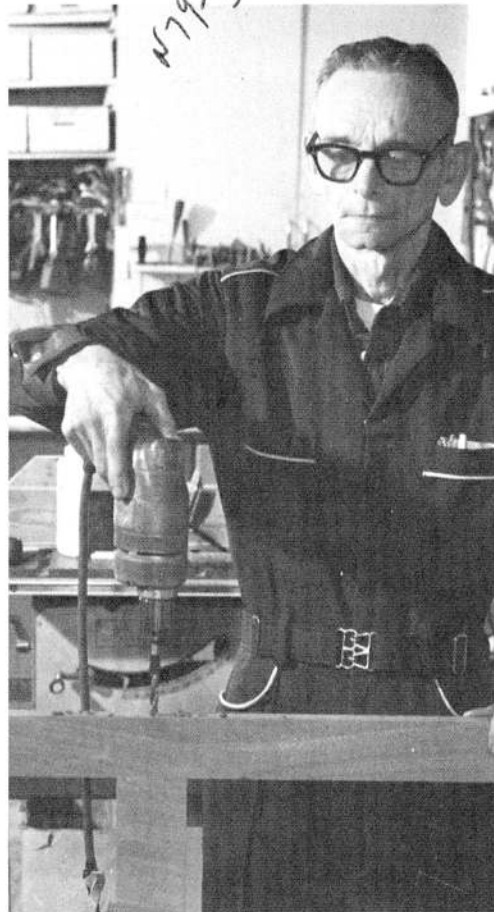
Big news these days from the Allstuns is that Russ has been accepted in the Foothills Craft Guild and will be displaying his clocks in regional shows starting this fall.

For the works, Allstun uses the battery-powered clocks. "Most of them are made in West Germany these days," he says, "But the works are readily available. The battery-powered ones keep better time and are almost maintenance-free. Of course, the giant grandfather types are run by weights; you really get into the money when you purchase them."

Several clocks have found their way into other homes, but the big one (with perfect chimes) "Dude" is working on now will remain at home. When asked "how much?" or "to whom?" both replied "no way!"

Vivian is currently working in butternut wood, fashioning fancy little birds perched on driftwood. "I was going to paint them and decorate them with feathers, but the wood is so pretty, I hated to cover it."

Retirement for the Allstuns has meant only a change in scheduling. Both admit a certain smugness they



Dude's shop

feel on cold, snowy days when the rest of us are struggling to get to work.

"Actually, we're as busy as ever, we just don't consult the clock like we once did," they said.

So, you can label the Allstuns "enjoying" retirement, but leave off the "leisure life" bit.

patent granted. . .

To James C. Mailen, Othar K. Tallent and Benedict L. Vondra, all of ORNL for "Method for Dissolving Plutonium Oxide with HI and Separating Plutonium."



Vivian's porcelain



Mantle clocks a specialty too



Nancy's wedding 'portrait'

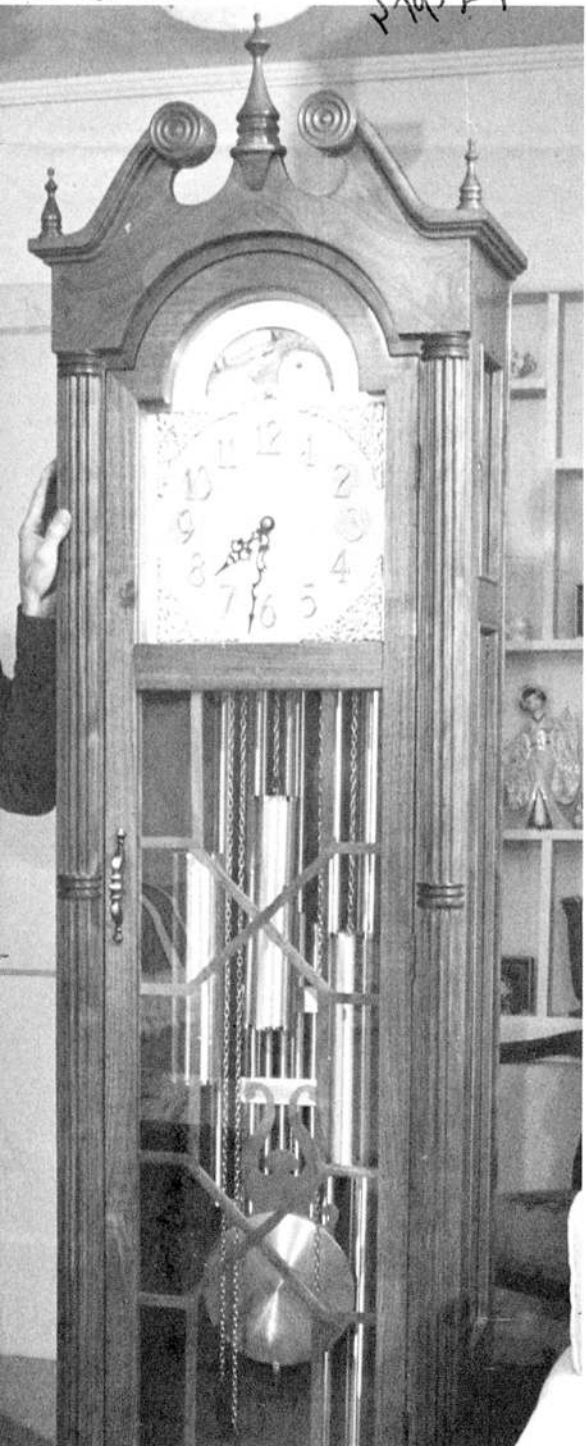


This clock to

Istun



plain figurines



stay at home'

anniversaries. . .

ORNL
35 YEARS

Howard V. Klaus, Operations; Thomas E. Nixon, Operations; L. Josephine Brown, Industrial Safety and Applied Health Physics; Fletcher L. Daley, Chemical Technology; Fred J. Hurst Jr., Chemistry; Homer G. Hunter, Laboratory Protection; Sam A. Reynolds, Analytical Chemistry; George M. Banic Jr., Chemical Technology; Harold B. Greene, Chemical Technology; and Hoyce Bailey, Operations.

30 YEARS

George W. Prater, Plant and Equipment.

25 YEARS

Annie S. Angel, William H. West, Neal E. Dunwoody, John R. Knight, Cordie W. Holland Jr., Frank B. Robertson, Kurgus C. Lannom Jr., Roy L. Simpson, Phillip R. Navas, Joanne S. Sanford, Norma E. Brashier, Truman M. Lewis and Tom M. Gayle.

20 YEARS

Nancy A. Betz, Ada W. Thompson, Katherine B. Denning and Thomas F. Lomenick.

Y-12 PLANT

35 YEARS

Verney O. Sharp, Plant Laboratory; John G. Smith Jr., Product Engineering; L. P. Vines, Fabrication Division; Maurice J. Fortenberry, Superintendents Division; William H. Ward, Chemical Services; Ralph H. Ford, Chemical Services; Ross L. Jamison Jr., Plant Laboratory; and Benjamin B. Stanton Jr., Mechanical Inspection.

30 YEARS

Edgar Reagan, Dispatching.

25 YEARS

Velky D. Boyd, Thomas W. Bailey Jr., Gerald W. Holcomb, Donnie A. Mingis, Edward S. Heath, Arthur Mitchell, Roy C. Stone, Wayne W. Thompson, James L. Hunnicutt and Ralph H. Allen.

20 YEARS

Charles D. Montgomery.

ORGDP

35 YEARS

Henry J. Culbert, SS Material Handling.

25 YEARS

John T. White, Johnny S. Taylor and Billy J. Robbins.

20 YEARS

David R. Spisak.

Four promoted at Y-12 Plant



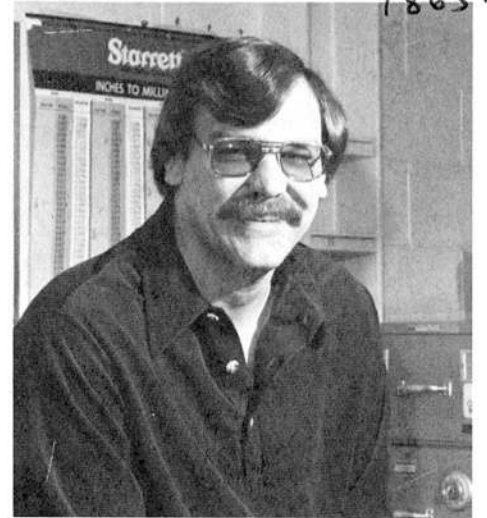
Galyon



Kennedy



West



Martin

Four promotions have been announced in the Y-12 Plant. Verlin E. Galyon and Billy H. Kennedy have been made planner-estimators in the Fabrication Division; Robert G. Martin has been promoted to a machining foreman in Fabrication; and Cinda V. West has been named a foreman in the Utilities Administration Division.

Galyon, a native of Roane County, is a graduate of the Training and Technology project in Y-12, and joined Union Carbide in 1967. He and his wife, the former Marcie Colboch, live at Route 2, Sweetwater. They have three children, Lisa, Mitchell and Ginger.

Kennedy was born in Bristol, Va., and completed a machinist apprentice program at Raytheon Co. before joining Union Carbide in 1976. He also worked for Sunbeam

Electronics, McGraw Editors Company and Astro Instrument Corporation. He and his wife, the former Mary Cox, live at 6616 Cadbury Drive, Knoxville. They have a son, Jeffrey.

Martin was born in Knoxville, and has a BS in industrial education from the University of Tennessee. He joined Union Carbide in 1978 after working with the Bostwick Steel Framing Co. and U. S. Nuclear, Inc. His wife is the former Mary Congdon. They live on Mountain Road, Clinton, and have two children, Robin and Brian.

West, a native of Athens, Ohio, attended Ohio University and Marietta College. Before joining Union Carbide in 1974, she worked at the Lakeshore Mental Health Center. She lives at 637 Gallehar View Road, Knoxville.

wanted. . .

ORNL

JOIN CAR POOL from UT area (willing to drive to meet a car pool) to any portal, 8:15-4:45. Susan LeStrange, plant phone 4-6719, home phone 974-5909.

RIDE from Fountain City area, Knoxville, to East Portal, 8-4:30. Georgia Bower, plant phone 4-0312, home phone 687-8014.

FORM or JOIN CAR POOL from Halls Crossroads to East or West Portal, 8-4:30. Floyd Long, plant phone 4-7084, home phone 922-1327.

JOIN CAR POOL from North Knoxville/St. Mary's area (willing to drive to meet a car pool), straight days. Margaret Merhoff, plant phone 6-2718, home phone 525-5203.

CAR POOL MEMBER from Inskip area, Knoxville, to East Portal, 8:15-4:45. Freda Cox, plant phone 4-4065, home phone 689-4801.

TWO CAR POOL MEMBERS from West Knoxville/Walker Springs Exit area, straight days. Karen Cromer, plant phone 4-4163, home phone 693-6917.

CAR POOL MEMBER from West Hills/West Town/Rocky Hill area, Knoxville, to East Portal, 8:15-4:45. Wilma Nichols, plant phone 4-6688, home phone 588-5187.

RIDE from Outer Drive, New York Avenue area, Oak Ridge, to East Portal, straight days. Beshier Nabardi, plant phone 4-7094.

JOIN CAR POOL from Powell vicinity to East Portal, 8-4:30. Pat Finley, plant phone 6-2194; home phone 947-8026.

ORGDP

RIDERS to join car pool from Norwood area, Oliver Springs, to Portal 3 or any portal, 8-4:30. Gene Epps, plant phone 6-0113 or 6-0114; home phone 435-7067.

next issue. . .

The next issue will be dated April 19. The deadline is April 10.

recreationotes. . .

Carbide bowling. . .

Family Mixed. . .

The Bags & Balls lead the Oops by one point in the Family Mixed League. Charles Lively rolled a 562 high scratch series for the men, while Margaret Duff rolled a 502 for the ladies.

Monday Mixed. . .

After 10 weeks of competition in the second half, only seven games separate the first place team from the last. In first place is the Free Spirit; close behind is the Four Eagles and the Aces. At this point, any team could win the half.

Tee-Off Time Application for April 28

(Check Appropriate Plant)

- ☐ ORGDP—Whittle Springs
- ☐ Y-12—Family Y.M.C.A.
- ☐ ORNL—Wallace Hills

WILL RIDE CART ☐

**COMPLETE AND RETURN TO THE Y-12 RECREATION OFFICE
BUILDING 9711-5, MS-001**

Entries must be received prior to drawing on April 25, 1979

Tee-off times for all tournaments will be drawn on Wednesdays prior to each Saturday's tournament. Golfers are responsible for reserving their own carts by contacting the pro shop following drawing for tee-off times. The leaders ONLY for each foursome should call the Recreation Office, 4-1597, after 3 p.m. Wednesday for your time.



ORGDP Women's. . .

The Payoffs have a commanding lead over the Spotters in the ORGDP Women's League. Laura Walker, of the Avengers, was Bowler-of-the-Week with a 204-230-235 = 669 handicap series.

ORNL 'A' League. . .

The Woodchoppers have control of the ORNL "A" League. Weekly high handicap series went to DeBakker of the Pen Pins with a 657. McCulley of the Fireballs rolled a 259 for high individual handicap game.

Golf Leagues. . .

Dead Horse Lake. . .

The Dead Horse Lake Golf League which plays on Tuesday afternoons will have a league meeting on April 17, around 5 p.m. in the club house at Dead Horse. Anyone interested in playing in the league should attend this meeting.

South Hills. . .

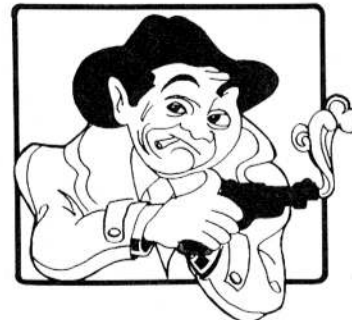
A league meeting will be held in the club house at South Hills Golf Course on April 19, 5 p.m., for those teams who have already signed up with the Recreation Office. Please try to have at least one representative from your team attend this meeting.

Southwest Point. . .

The Southwest Point Golf League that plays on Monday afternoons is

now calling for teams. Interested persons should call the Recreation Office, 4-1597, before April 20th to enter. The league will begin play on May 7.

Bonds are safe...



**from bad guys,
from bad luck,
from bad memory.**

There's nothing safer
than U.S. Savings Bonds.

Music-makers mark 35 years



THEN. . .

Waldo Cohn conducts the Oak Ridge Symphony Orchestra in its early years.

Seven veteran members of the Oak Ridge Symphony Orchestra will be honored Saturday evening, April 7, at its 35th anniversary concert.

Special presentations will be made to Waldo Cohn, a retiree from ORNL's Biology Division, who was the orchestra's founder and first conductor; June Adamson, wife of George Adamson of ORNL's Metals and Ceramics Division; Jacinta Howard, widow of ORNL retiree Frederick Howard; Herbert

Pomerance, of ORNL's Information Division; Meyer Silverman, of ORNL's Engineering Technology Division, and his wife, Dottie; and Alice Lyman. All have performed with the orchestra since it was formed in 1944.

Cohn will take the baton to open the concert, leading the orchestra in Rimsky-Korsakov's "Russian Easter Overture," which he also conducted in 1945 and in 1950.



...AND NOW.

Veteran orchestra members to be honored during Saturday's anniversary concert are, standing, from left: June Adamson, Meyer and Dottie Silverman, Alice Lyman and Jacinta Howard; and seated, Herbert Pomerance and Waldo Cohn. Standing behind Jacinta Howard is current orchestra conductor, Don Neuen.



Multiple causes - multiple controls:

Getting the real culprits

by T. A. Lincoln, M.D.

(Editor's Note: Dr. Lincoln alternates his regular column with "The Medicine Chest," where he answers questions from employees concerning health in general. Questions are handled in strict confidence, as they are handled in our Question Box. Just address your question to "Medicine Chest," NUCLEAR DIVISION NEWS, Building 9704-2, Stop 21, Y-12, or call the news editor in your plant, and give him or her your question on the telephone.)

Even though there is a natural tendency to blame serious illnesses on single causes, most people are aware that most diseases have multiple causes. It is also understood that most chronic diseases require several types of treatment. What is not fully appreciated is the need for multiple approaches for prevention and control. We also need to spend our nation's overburdened financial resources in a cost-effective manner.

It is easy to ascribe success in controlling a disease to one or two medicines. The best example is tuberculosis. Most people believe that it was controlled because of the effective antibiotics and chemotherapeutic agents introduced in the 1940's. The difficulty with this idea is that tuberculosis was declining long before antibiotics were discovered. The improvements in housing and nutrition and the rising standard of living started the decline many years earlier.

In the desire to control or prevent cancer or chronic lung disease, the recent push has been to reduce or eliminate causes related to the environment. Air and water pollution in the cities and toxic chemicals and radiation in the workplace have become the principal targets of a vigorous but expensive control effort. The result has been a long list of federal and state regulations.

Regulations grow

These regulations were primarily the result of federally supported research, which in turn spawned further regulations. A national feeling was cultivated which indicated that now that we know who some of the "culprits" are, let's get them under control. Although property damage and aesthetics might have been adequate motivators alone, it was public health concern that was the driving force which loosened the legislative purse strings and built the regulatory machinery.

Cleaning the air

A good example was the concern about sulfur dioxide in the air. The Air Quality Act of 1967 gave the Secretary of Health, Education and Welfare a mandate to develop air quality criteria that would prevent "all identifiable health effects." The standard was therefore set at a level below that which, according to most studies, caused an adverse effect.

Now, 12 years later, the experimental and epidemiological

research evidence supporting the standard is questionable. A large body of experts believe the standard could be relaxed without detectable hazard to public health. Current public and private expenditures for air pollution control are estimated to exceed \$13 billion per year.

Likewise, inside industry, a fantastic effort has been made to reduce exposure to toxic materials and physical stresses. The pressure to reduce exposures to "safe" levels continues. The implication is that such a level will prevent any worker from suffering any adverse health consequences during a working lifetime.

Oysters make come-back

The efforts have been salutary. The working environment is cleaner, and hazards have been reduced or eliminated in many large industries. The living environment is better. The *New York Times* reports that "the harbor is getting cleaner...the defunct old oyster beds behind the Statue of Liberty have been showing signs of life."

All that is fine, BUT the real culprit in cancer, chronic lung disease and many other chronic diseases is the lifestyle environment, not the urban or workplace environment.

The real culprits

We have been making our biggest effort in the wrong place. It is like having all the fire trucks fighting grass fires at the edge of town while the city hall, factory and school in the center of town are burning down. A redirection of our national effort at the real culprits is what is needed if our motivation is really to improve health. Eliminating smoking, moderating alcohol consumption, improving diet, increasing exercise, teaching people how to live vigorous, exciting and satisfying lives without pharmaceutical crutches is the real challenge.

Occupational medicine of the 1980's is going to have to accept some of these challenges. We need to help change people, not just to be passive historians documenting unnecessary declines in health. If we are going to really improve worker health, we cannot confine our efforts to a single cause - workplace exposures to toxic materials and physical stresses. We must somehow try to have a greater impact on the real culprit - life styles. Multiple causes require multiple control efforts.

Year of the child. . .1979

This year all across the world people are celebrating the International Year of the Child. Local, state and national groups are planning many special activities to mark this special year. Several states are focusing on the delivery of needed health care services to children.

Tennessee is unique because it is the ONLY state in the nation to have a child passenger protection law. This law, by its promotion of child restraint devices for children under four years of age, is aimed at conquering the number one killer andcrippler of young children—automobile accidents. The regular and proper use of child restraint devices could prevent over 90 percent of the deaths and 80 percent of the injuries to children under four years of age. Unfortunately, many of the injuries suffered by children in automobile accidents result in permanent disabilities such as brain damage, paralysis, epilepsy, etc.

The Child Passenger Safety Program was created to inform the public about the law, to evaluate the law, to provide information on child restraint devices and to promote their use. A special appeal to all Tennessee parents is being made to ensure the health and welfare of young children by properly using a child restraint device each and every time they travel. Please join in our fight against these needless deaths and injuries to Tennessee's children. Urge your friends, relatives and neighbors to protect their children when riding in automobiles. Give a child restraint device as a birthday present, shower present or Christmas present to show you care. If you or your club or organization would like to help prevent these needless deaths and injuries, write to the following



address for brochures, posters and additional information.

**Child Passenger Safety Program
Transportation Center
University of Tennessee
Knoxville, Tennessee 37916**

It is hoped that in this International Year of the Child the people of Tennessee will be able to say to the rest of the nation that they're doing more than just talking about the health and welfare of their children—that they have successfully fought and conquered the number one killer andcrippler of children.

Enjoying the leisure life. . .



Henry F. Lawson
Maintenance Division
ORGDP
34 years service



Henderson L. Miller
Y-12 Fire Department
28 years service



Oliver B. Harness
Y-12 Maintenance
28 years service



Russell S. Jackson
Plant & Equipment
ORN
33 years service



James H. Moore
Alpha 5 West Shop
Y-12
19 years service



William B. Motley
9215 Rolling Mill
Y-12
27 years service



Malvin N. Strickland Jr.
ORGDP Maintenance
34 years service



Elmer E. Cavazos
Y-12 Engineering
35 years service

'Real source of corporate power is public trust,' says Sneath

William S. Sneath, chairman of Union Carbide Corporation, recently told a trade group audience that "the only real source of power and influence is public trust," and that business will lose more than it has gained if the public believes it is trying to dominate the political process with money and muscle.

Speaking before the Compressed Gas Association, Sneath said that there was no need to apologize for the positive contributions business has made on such policy questions as inflation, regulatory reform and trade. "We are gaining clout," Sneath said, but he added that any cheering is premature.

He pointed out that the public does not "regard our activities in the political and public policy process with any degree of legitimacy." In the

minds of many, Sneath said, business is still the power elite, or America, Inc. He cited a Yankelovich opinion survey which concluded that a majority among the public believes businessmen to be unethical and immoral, and likely to put profits ahead of the public interest.

Sneath said that business cannot abandon its role in the policymaking process, but that the climate of mistrust demands that great care be taken when getting involved in the issues. The Union Carbide official outlined six suggestions for business behavior when participating in the policymaking process:

- Stick to those policy issues that affect business directly, even if the Supreme Court's Bellotti decision permits otherwise. "I would be very circumspect

about heavy spending on the issues in which there is no clear-cut corporate interest."

- Understand the role of money and contributions and be very careful about the benefits and hazards of even legitimate contributions—"There is good reason not to support someone whose vote is for sale."
- Be careful with the facts of an issue. "Stick to facts, and to reasonable, credible interpretation of those facts. Do not cry wolf."
- Avoid all appearance of coercion of people in or out of government, including employees and plant communities. "Financial resources used as a club turn pretty quickly into a boomerang."

- Be flexible in the political process since there is small chance for total victories or defeats. "The system works by balancing interests, and that's all that anyone should expect."

- Know when to avoid overkill and to lower your voice. "When we have done all the communicating and lobbying one could reasonably expect and still haven't convinced people, then it may be time to back off."

Sneath warned business leaders that "it is unreasonable—and probably self-defeating—to seek a dominant voice in the policy process. Because if the feeling becomes widespread that private interests are too deeply entrenched in the conduct of public business, we will be excluded from that business."

division deaths. . .



Mr. Jones

Roscoe H. Jones, Engineering Division at ORNL, died March 15 at Oak Ridge Hospital. Mr. Jones joined Union Carbide in 1957.

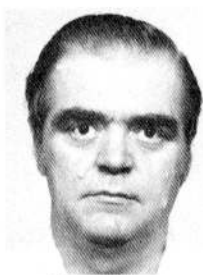
Survivors include his wife, Micheline; daughters, Evelyn Brackney, Simone Farquharson and Katherine Jones; and sons, Larry and Gregory.

Funeral services were held in Gray, Ky. The family has requested that any memorials be made to the American Cancer Society.

Gene A. Palmer, ORNL's Physics Division, died March 17 at Oak Ridge Hospital. Mr. Palmer was a 24-year veteran of Union Carbide.

Survivors include his wife, Margaret; a daughter, Jamie Northcutt; sons, Lane and Keith; parents, Chester and Nellie Mae Roach; brothers, Larry, Glenn and Vernon; and sister, Deloris.

Funeral services were held in Knoxville. The family has requested that any memorials be contributed to the American Cancer Society or to the East Tennessee Heart Association.



Mr. Palmer



Mr. Gray

John T. Gray, ORNL's Plant and Equipment Division died March 23 at Oak Ridge Hospital. Mr. Gray joined Union Carbide in 1950.

Survivors include his wife, Shirley; daughters, Paula Eubanks and Carolyn Somers; sister, Frances Cook; and brothers, Bill and Dave.

Funeral services were held in Oak Ridge. The family requests that any memorials be in the form of contributions to the building fund of First Baptist Church of Oak Ridge.

Stanley W. Denny, ORNL's Operations Division, died March 25 at Park West Hospital in Knoxville. Mr. Denny was a 25-year veteran of Union Carbide, having joined ORNL in 1954.

Survivors include his wife, Barbara; son, David Lynn; mother, Mrs. H. W. Denny; brothers, Cecil, Ernest and H. W. Jr.; and sister, Lucille Hawthorne.

Funeral services were held in Kingston.



Mr. Denny



Mr. Grove

Woodrow Grove, ORNL's Plant and Equipment Division, died March 17 at St. Mary's Hospital in Knoxville. Mr. Grove was a 28-year veteran of Union Carbide, having joined ORNL in 1951.

Survivors include his wife, Doris; daughter, Cheryl Galloway; and son, Woody Sam.

Funeral services were held in Knoxville.



Mr. Killebrew

Gilbert F. Killebrew, Electrical Department at Paducah, died March 10 at his home on Hillside Drive, Mayfield, Ky. He joined Union Carbide in 1952.

Survivors include his wife, Lillie Mae; one daughter, Anita; and a brother, Richard.

Services were held at the Byrn Funeral Home with burial in the Memorial Gardens, Mayfield.

About people. . .



Charles S. Yust, a materials scientist in the Metals and Ceramics Division of ORNL, has been selected as a fellow of the American Ceramic Society (ACS). Yust has been with Union Carbide since 1952.

His professional achievements include studies of deformation processes in uranium oxides and studies of wear and erosion in refractory ceramics. Yust is a member of Tau Beta Pi and Sigma Xi and has served as chairman of the ACS Research Committee, Nuclear Division.

safety scoreboard

Time worked without a lost-time accident through March 29:

Y-12 Plant	351 Days	10,979,000 Employee-Hours
ORGDP	107 Days	3,510,363 Employee-Hours
ORNL	4 Days	137,257 Employee-Hours
Paducah	230 Days	2,845,000 Employee-Hours



UNION CARBIDE CORPORATION

NUCLEAR DIVISION

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